AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for increasing voice recognition rate in a voice recognition system comprising:

establishing a reference model for user voices subjected to recognition;

receiving the user voices for voice recognition commands;

detecting the range and characteristics of the received voice data;

comparing the range and characteristics of the detected voice data with the characteristics of the previously obtained reference voice model to retrieve a word having the largest similarity;

comparing the similarity of the retrieved word with the similarity reference value to report a voice recognition failure when the compared result is below the reference value, and to report a voice recognition success and perform the command corresponding to the recognized word when the compared result is at least the reference value; and

modifying the reference voice model based on the characteristics of the voice data which succeeded in the voice recognition, wherein a same spoken word is used to perform the command once and to modify the reference voice model.

2. (Previously Presented) The method of claim 1, wherein the characteristics of the voice data are expressed in characteristic vectors which are applied with entering patterns including at least one of LPC (Linear Predictive Coding) coefficient, cepstrum and differential cepstrum coefficient.

3. (Currently Amended) A method for increasing voice recognition rate in a voice recognition system comprising:

detecting the characteristics of voice data received from a user;

comparing the detected characteristics with a previously established reference voice model to judge success or failure of the voice detection;

performing an operation based on the received voice data and associated with the reference voice model upon success of the voice detection; and

updating the reference voice model using the voice data received from the user upon a judged success of the voice detection, wherein the same received voice data is used to update the reference voice model and to perform the operation upon the judged success of the voice detection.

4. (Previously Presented) The method of claim 3, wherein the characteristics of the voice data are expressed in vectors.

5. (Previously Presented) The method of claim 4, wherein the vectors are determined using at least one of Linear Predictive Coding (LPC) coefficient, cepstrum and differential cepstrum coefficient.

6. (Canceled)

7. (Currently Amended) A voice recognition method comprising:

comparing voice data from a user with a reference voice model of previously entered voice data[[.]];

determining if the voice data from the user corresponds to the reference voice model;

executing a command associated with the reference voice model upon a positive correspondence of the reference voice model and the voice data from the user; and

updating the reference voice model using the voice data from the user, upon the positive correspondence of the reference voice model and the voice data from the user, wherein the same voice data is used to execute the command and to update the reference voice model.

8. (Previously Presented) The method of claim 7, wherein the voice model comprises voice data expressed in vectors.

9. (Previously Presented) The method of claim 8, wherein the vectors are determined using at least one of Linear Predictive Coding (LPC) coefficient, cepstrum and differential cepstrum coefficient.

10. (Currently Amended) The method of claim 8, wherein updating the reference voice model comprises:

generating vectors representing the voice data from the user; and

combining the vectors representing the voice data from the user with the vectors of the voice model, thereby updating the voice model.

11. (Previously Presented) The method of claim 7, wherein determining if the voice data from the user corresponds to the reference voice model comprises:

comparing a similarity of the voice data from the user to the reference voice model; and

indicating the positive correspondence if the similarity is greater than or equal to a reference value.

12. (Previously Presented) The method of claim 11, wherein comparing the similarity comprises:

comparing similarity of the voice data from the user to a plurality of reference voice models of a plurality of previously entered voice data; and

selecting the reference voice model that has the largest similarity.

13. (Previously Presented) The method of claim 11, further comprising:

indicating a recognition failure if the similarity is less than the reference value.

14. (Previously Presented) The method of claim 7, further comprising:

indicating the positive correspondence of the reference voice model and the voice data from the user.

15. (Previously Presented) The method of claim 7, wherein the voice data from the user represents at least one of a word, a phrase, and a command.

16. (Previously Presented) The method of claim 7, wherein the reference voice model is associated with at least one of a word, a phrase, and a command.

17. (Canceled)

18. (Previously Presented) The method of claim 1, wherein performing the command begins at least prior to modifying the reference voice model.

19. (Previously Presented) The method of claim 3, wherein performing the operation associated with the reference voice model comprises performing a command associated with the detected characteristics of voice data when the comparing is successful.

20. (Previously Presented) The method of claim 19, wherein the command corresponds to a recognized word of the voice data from the user.

21. (Previously Presented) The method of claim 20, wherein performing the command corresponding to the recognized word of the voice data from the user begins at least prior to updating the reference voice model.

22. (Previously Presented) The method of claim 7, wherein the command corresponds to a recognized word of the voice data from the user.

23. (Previously Presented) The method of claim 22, wherein executing the command corresponding to the recognized word of the voice data from the user begins at least prior to updating the reference voice model.

24. (Currently Amended) A voice recognition method comprising:

receiving a user voice representative of a voice recognition command;

detecting characteristics of the received user voice;

comparing the characteristics of the detected user voice with characteristics of a previously obtained reference voice model to retrieve a word having the largest similarity;

performing a command based on the received user voice and corresponding to the retrieved word when the compared result is at least a reference value; and

modifying the reference voice model based on the characteristics of the user voice, wherein the same received user voice is used to perform the command and to modify the reference voice model.

25. (Previously Presented) The method of claim 24, wherein the characteristics of the user voice are expressed in characteristic vectors that are applied with patterns including at least one of LPC (Linear Predictive Coding) coefficient, cepstrum and differential cepstrum coefficient.

26. (Previously Presented) The method of claim 24, further comprising reporting a voice recognition failure when the compared result is below the reference value.

27. (Previously Presented) The method of claim 24, wherein performing the command based on the received user voice begins at least prior to modifying the reference voice model.